



PATENT

Attorney Docket No.: 678-735 (P10196)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT(S):** Seong-Joong KIM

**SERIAL NO.:** 10/020,332

**GROUP ART UNIT:** 2681

**FILED:** December 12, 2001

**FOR:** DIRECT-CONVERSION RECEIVER  
FOR REMOVING DC OFFSET

**Box Missing Parts**  
Commissioner for Patents  
Washington, DC 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL  
APPLICATION - FILED UNDER 37 CFR 1.53(b) - FILING DATE GRANTED**

Sir:


In response to the Notice to File Missing Parts of Non Provisional Application - Filed Under 37 CFR 1.53(b) - *Filing Date Granted*, dated January 18, 2002 Applicant encloses herewith a properly executed original Declaration and Power of Attorney in compliance with 37 C.F.R. §1.63. Also enclosed is a check for \$130.00 to cover the surcharge under 37 C.F.R. § 1.16(e) along with a copy of the Notice to File Missing Parts of Nonprovisional Application - Filed Under 37 CFR 1.53(b) - *Filing Date Granted*.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

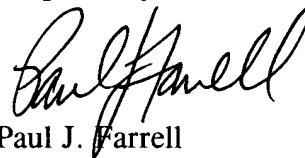
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: BOX MISSING PARTS, Commissioner for Patents, Washington, D. C. 20231, on March 15, 2002.

Dated: August 30, 2001

  
\_\_\_\_\_  
Paul J. Farrell

If the enclosed check is insufficient for any reason or becomes detached, please charge the required fee under 37 C.F.R. § 1.16(e) to Deposit Account No. 04-1121. Also, in the event any additional extensions of time are required, please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Respectfully submitted,



Paul J. Farrell

Reg. No. 33,494

Attorney for Applicant(s)

Dated: March 15, 2002

**DILWORTH & BARRESE, LLP**  
**333 Earle Ovington Blvd.**  
**Uniondale, NY 11553**  
**TEL: (516) 228-8484**  
**FAX: (516) 228-8516**  
**PJF/DMO/lah**

# **FEE TRANSMITTAL** **for FY 2002**

Patent fees are subject to annual revision.

AMOUNT OF PAYMENT

(\$ 170.00

**Complete if Known**

Application Number	10/020,332
Filing Date	December 12, 2001
First Named Inventor	Seong-Joong KIM
Examiner Name	
Group Art Unit	2681
Attorney Docket No.	678-735 (P10196)

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 04-1121  
 Deposit Account Name: DILWORTH & BARRESE, LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0.00

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
20**	=	\$18	= \$0
Independent Claims	- 3**	= \$84	= 0
Multiple Dependent		\$280	= 0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	\$130
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	\$40
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 170.00

**SUBMITTED BY**

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494	Telephone	(516) 228-8484
Signature	<i>Paul J. Farrell</i>	Date	March 15, 2002		

Complete (if applicable)

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, Washington, D.C. 20231 on March 15, 2002.

Dated: March 15, 2002

(Name) Paul J. Farrell



## UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 26 2002

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY-DOCKET NUMBER
10/020,332	12/12/2001	Seong-Joong Kim	678-735

CONFIRMATION NO. 1734

## FORMALITIES LETTER



\*OC000000007333794\*

 DILWORTH & BARRESE, LLP  
 333 Earle Ovington Blvd.  
 Uniondale, NY 11553

Date Mailed: 01/18/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/29/2002 NMDHAMM1 00000094 10020332

01 FC:105

130.00 DP